Radstudio xe10 如何製作 IOS 憑證 Mac os 9.2

 先找出 KeyChain(鑰匙圈.app)的工具,如下圖 啟動 Finder -> 前往 -> 工具程式

É	Finder	檔案	編輯	顯示方式	前往	視窗	輔助說明	
	1			and the	返回	1		¥[
					往前	Te		第]
					選擇	桌面上	的啟動磁碟	☆ 第 †
						戝的所 有	有檔案	ዮ羰F
					93	文件		企業O
						桌面		☆業D
					0	下載項目	1	₹₩L
					11	固人專厚	6	企業H
					- 7	電腦		☆業C
					Ø.	AirDrop		ፚ ቘR
						網路		☆ ₩K
					0 i	Cloud I	Drive	企業1
					A	意用程ェ	t	0 HA
					X	工具程式	t	☆業U
					最近	使用過	的檔案夾	•
					前往	檔案夾		企業G
					連接	伺服器		ЖК

2. 如下圖圈選處, 可加入到 Dock 中, 在此請直接啟動



3. 啟動後, 要先製作一份**憑證簽章**, 請依下圖選項進入



4. 請輸入一個憑證名稱, 可自由定義, 請將"已將要求"如下圖選擇下兩組

	憑證輔助程式
	憑證資訊 輸入您正在要求的憑證資訊。請按一下「繼續」來要求 CA 簽發 憑證。
6	使用者電子郵件位址: ios@mail.3ipd.com.tw ♥ 一般名稱: 3ipdApp CA電子郵件位址: 已將要求: □已寄送電子郵件給 CA ● 儲存到磁碟 ♥ 指定密鑰配對資訊
	繼續

5. 接下來 mac 會自動產生憑證簽章檔, 請不要修改任何內容, 點選儲存即可

	儲存為:	CertificateSigningRequest.certSigningR
	標記:	
	位置:	■ 桌面 🗘
1		取消

6. 接下來也請使用預設, 請繼續

• • •	憑證輔助程式
	密鑰配對資訊 指定要用來建立密鑰配對之密鑰大小和演算法。 密鑰配對的製作是來自於您的專用和公用密鑰。專用密鑰是密鑰配
Cen	對的機密部份,應該要保密。公用密鑰的製作可以公開取用,為數 位憑證的一部份。
	密網入小、2048 bit ♥ 演算法: RSA ♀
	更多內容…

7. 最後完成憑證簽章的建立(底下簡稱為簽章), 會放在 mac 桌面, 點選完成

	 ● ● ⑦ 澄嶺輔助程式
	結論
CertificateSigni ngReqequest	已在磁碟上建立您的憑證要求。
	Certificate
	顯示於 Finder…
- Constant	完成

8. 到此 keyChain 已完成第一階段的任務,下圖可看到密碼欄自建的兩組密鑰, 接下來就要到 apple development 官網進行一連串的申請

		鑰匙圈存取		
按一下來鎖定「登入	」銷匙圈。			Q. 搜尋
鑰匙圈 ● 登入 ● 本機項目 ● 系統 ■ 系統根	3ipdApp 福鼎: 公用密論・RSA・2048 bit 用法: 任何			
	古雨	^ 種類	修改日期	有效期限
	(° 3ipdApp	公用密鑰		
	3ipdApp	専用密調		
	Υ <key></key>	公用密調 車用物論		
類別	iMessage Encryption Key	受用密調		
汛 所有項目	iMessage Encryption Key	東田廖鑰		
/ 密碼	iMessage Signing Key	公用密繪		
● 安全註釋	iMessage Signing Key	専用密論		
🖂 我的憑證	0			
📍 密綸				
📴 憑證				
	+ i 拷貝	8 個項目		

9. 進入官網並完成 sing in 登入後(必須先向 Apple 申請一組 Developer ID), 會看到如下圖畫 面, 在 IOS Apps 下的 Certificaties 區可能已有數個認證, 但這都不是我們要的, 我們要 重新建立(我們姑且把 cer 檔稱為認證檔)

🗯 Developer	Technologies Resou	rces Programs Support Member Ce	enter Q Search Developer
Certificates, Identifiers	& Profiles		Shih wei tu 🗸
iOS Apps 👻		iOS Certificates	+ 9
Certificates	2 Certificates Total		
■ All	Name	Туре	Expires
Pending	tw.com.appsfly.mirror	APNs Develop	pment iOS Dec 21, 2016
DevelopmentProduction	tw.com.appsfly.mirror	Apple Push S	ervices Feb 01, 2017

10. 如下圖, 選擇 Add (+)

🗯 Developer	Technologies	Resources	Programs	Support	Member Center	Q Search Developer
Certificates, Identifiers &	Profiles					SHIH WEI TU 🔻
iOS Apps 🔹			Ado	d iOS Cer	tificate	
Certificates	Select Type	Request	Generate	Downle	pad	
PendingDevelopment	Certificate	/hat type	of certific	ate do y	ou need?	
Production						

11. 在此先不要建立任何新認證,如下圖有一個 Apple 很重要的認證(AppleWWDRCA.cer)必須 先下載,這個認證無須輸入任何內容,只要點選下圖圈選處,就可完成下圖二的下載

Worldwide Developer Relations Certificate Authority

Intermediate Certificates

To use your certificates, you must have the intermediate signing certificate in your system keychain. This is automatically installed by Xcode. However, if you need to reinstall the intermediate signing certificate click the link below:



12.,這個下載十分重要,在接下來進行任何認證被加入到 KeyChain 前,這個 cer 檔必須先被 載入到 KeyChain 中,只要在下圖的 AppleWWDRCA.cer 雙擊兩下,mac 就會自動加入到 KeyChain 中,如果不先把 Apple 的全球認證公用認證加入,接下來任何的申請都會成為無 效認證,如果 KeyChain 中已存在這個 cer,建議將舊的移到垃圾桶重新建立(網路上的教學 很多都不會告訴我們這一項)

•••	O 下載項目	
$\langle \rangle$	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	i
喜好項目	名稱	大小
🗐 我的所有檔案	AppleWWDRCA.cer	1 KB
iCloud Drive		
AirDrop		ý.
굣.應用程式		
🔜 桌面		
1 文件		
● 下載項目		
装置		n
◎ 遠端光碟		
Macintosh HD		_
共享		
💭 delphi		
win-105bksvhgcc		
19143		

13. 已完成建立的畫面, 如下圖

	鑰匙圈存取			
按一下來鎖定「登)	入」鑰匙圈。		Q	. 搜尋
 論匙閱 ● 登入 ● 本機項目 ● 系統 ● 系統根 				
	名稱	^ 種類	有效期限	鑰匙圈
	Apple iPhone Certification Authority	憑證	2022年4月13日 上午1:43:28	登入
	Apple iPhone OS Provisioning Profile Signing	憑證	2022年4月13日 上午1:43:28	登入
	Apple Rest Certificate Authority	憑證	2025年2月10日 上午8:18:14	登入
	+ i 拷貝 4個	項目		

14. 在完成上述流程後, 剛才已點選 Add, 此時選擇 iOS App Development, 這是建立由 mac 連接 ipad/iphone 與 RadStudio 程式編譯直接丟到裝置的授權申請方式(如果不建立本認證, 就必須把編譯的程式丟到 https 網站再由下載方式安裝到裝置中), 選好後請點選 "繼續"

OS Apps	•	Add iOS Certificate	+
Certificates	Select Type Request	Generate Download	
All			
Pending	Certificate		
Development	what type o	f certificate do you need?	
Production			
dentifiers			
App IDs	Development		
Pass Type IDs	iOS Ann Develonment		
Website Push IDs	Sign development version	is of your iOS app.	
iCloud Containers			
App Groups	Apple Push Notification	service SSL (Sandbox)	pla Puch Natification convica
Devices	sandbox environment to	deliver remote notifications to vour app.	A separate certificate is
	Apple Inc.	0	
Create a CSR file In the Application	s folder on your Mac, open the	Utilities folder and launch Keyc	hain Access.
Create a CSR file In the Application Within the Keycha Request a Certific	s folder on your Mac, open the in Access drop down menu, sel ate from a Certificate Authority	Utilities folder and launch Keyc ect Keychain Access > Certifica	hain Access. Ite Assistant >
Create a CSR file In the Application Within the Keycha Request a Certific • In the Certific	s folder on your Mac, open the nin Access drop down menu, sel ate from a Certificate Authority icate Information window, ente	Utilities folder and launch Keyc ect Keychain Access > Certifica r the following information:	hain Access. Ite Assistant >
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Create a CSR file In the Application Within the Keycha Request a Certific • In the Certifi - In the Use - In the Co - The CA E	s folder on your Mac, open the nin Access drop down menu, sel ate from a Certificate Authority icate Information window, ente er Email Address field, enter yo mmon Name field, create a nar mail Address field should be le	Utilities folder and launch Keyc ect Keychain Access > Certifica r the following information: our email address. ne for your private key (e.g., Jo ft empty.	hain Access. ate Assistant > ohn Doe Dev Key).
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15. 按 Continue 後, 進入下一頁如下圖, 接著 mac 要求你選擇剛才建立的簽章(在桌面上), 只要選擇 Choose File, 其實 mac 會自動找到該檔, 如下圖二

	Add iOS Certificate	+	٩
Select Type Request	Generate Download		
Generate y	our certificate.		
When your CSR file is create private key is stored on you and can be viewed in the Ke certificate is the public half	d, a public and private key pair is automatically r computer. On a Mac, it is stored in the login Ke ychain Access app under the "Keys" category. Yc of your key pair.	generated. Your cychain by default our requested	
Upload CSR file. Select .certSigningRequest f	ìle saved on your Mac.		
Choose File			
	₩ > 直桌面	۵ ۵	搜尋
 喜好項目 ● 我的所有檔案 △ iCloud Drive · へ 應用程式 ● 原面 ● 文件 ● 下載項目 			
裝置 ⑥ 遠端光碟 Macintosh HD			
共享 delphi win-105bksvhgcc 媒體 了音樂		Certieque	ificateSigningR est.cRequest
in on m h			取消選擇

16. 選擇正確的簽章檔後, 請點選 Generate, 建立新認證檔(CSR)

Upload CSR file.

17.

Select .certSigningRequest file saved on your Mac.

Choose File CertificateSigningRequest.certSigningRequest	
完成認證程序後, 請進行下載作業	
Certificate Sector Sect	

Download, Install and Backup

Download your certificate to your Mac, then double click the .cer file to install in Keychain Access. Make sure to save a backup copy of your private and public keys somewhere secure.

Burthart	Name:	iOS Development: SHIH WEI TU
Standard	Type:	iOS Development
~~ 🔵	Expires:	三月 01, 2017
		Download

18. 下載完畢, 請不要急著加入到 KeyChain 中 (如下圖紅框上方的 ios_Developemnt.cer)



19. 請繼續建立第二組認證檔, 這組是要建立分發用的認證, 因為是申請\$299 的 Ad Hoc 模式, 所以這組授權是利用 RadStudio 產生 ipa 的 Apple 安裝檔, 再上傳到具備 https 的網站 供下載安裝, 而不需要送到 Apple 進行審查上架 AppStore 的.

請在網頁上選擇 Add Another 就可出現下頁資訊,

 All Pending Development Production 	What type of certificate do you need?
 Identifiers App IDs Pass Type IDs Website Push IDs iCloud Containers App Groups 	Development iOS App Development Sign development versions of your iOS app. Apple Push Notification service SSL (Sandbox) Establish connectivity between your notification service and the Apple Push Notification service
 Devices All Apple TV Apple Watch iPad iPhone iPod Touch 	 Sandbox environment to deliver remote notification server and the appendix notification server and the append
Provisioning Profiles	Apple Push Notification service SSL (Sandbox & Production)

Cancel

Continu

網頁會重新再秀一次內容,要求再看清楚確認

20. 再繼續點選 Continue

	 Create a CSR file. In the Applications folder on your Mac, open the Utilities folder and launch Keychain Access. Within the Keychain Access drop down menu, select Keychain Access > Certificate Assistant > Request a Certificate Information window, enter the following information: In the Certificate Information window, enter the following information: In the User Email Address field, enter your email address. In the Common Name field, create a name for your private key (e.g., John Doe Dev Key). The CA Email Address field should be left empty. In the "Request is" group, select the "Saved to disk" option. Click Continue within Keychain Access to complete the CSR generating process. 					
		Cancel Back Continue				
21. 3	如第一組授權一樣	, 載入先前建立的簽章檔, 如下圖				
	iOS Apps 👻	Add iOS Certificate	+			
	Ø Certificates	Select Type Request Generate Download				
	 All Pending Development Production 	Generate your certificate.				
	 Identifiers App IDs Pass Type IDs Website Push IDs iCloud Containers App Groups Devices All Apple TV 	When your CSR file is created, a public and private key pair is automatically generated. Y private key is stored on your computer. On a Mac, it is stored in the login Keychain by de and can be viewed in the Keychain Access app under the "Keys" category. Your requested certificate is the public half of your key pair. Upload CSR file. Select .certSigningRequest file saved on your Mac. Choose File	our :fault d			
	Apple Watch					
	 ▲ 決約所有檔案 ▲ 決約所有檔案 ▲ 決約所有檔案 ▲ 認的所有檔案 ▲ 認用程式 ● 東面 ● 文件 ● 下載項目 ● 支 ● 支 ● 支 ● 本載項目 ● 支 ● 支 ● 本載 ● delphi ● win-105bksvhgcc 	mm→ ● 東面				
	。 19 日本 19 日本	取消 選擇				

22. 選好後, 點選 Generate, 建立第二組認證檔

Upload CSR file. Select .certSigningRed	quest fi le save o	d on your Mac.
Choose File	CertificateSigni	ingRequest.certSigningRequest
	Cancel	Back Generate
23. 完成建立到下一步, -	一樣請下載	载該組認證檔(cer)
Download, Instal Download your cer Access. Make sure	and Backu tificate to yo to save a ba	p our Mac, then double click the .cer file to install in Keychain ckup copy of your private and public keys somewhere secure.
Certificate Frankant	Name: Type: Expires:	iOS Distribution: Immeasurable-Intelligent-Idea Program Design Co., iOS Distribution 三月 01, 2019 Download
Documentation For more informat App Distribution C	ion on using Guide	and managing your certificates read:
		Add Another Done

24. 下載後, 下載項目會再出現第二組認證, 如下圖紅框

• • •	📴 下載項目	
$\langle \rangle$		
喜好項目	名稱	大小
📃 我的所有檔案	ios_distribution.cer	1 KB
iCloud Drive	ios_development.cer	1 KB
AirDrop	AppleWWDRCA.cer	1 KB
☆ 應用程式		
扁泉面		
□ 文件		
● 下載項目		
裝置		
◎ 遠端光碟		
Macintosh HD		
共享		
📃 delphi		
win-105bksvhgcc		
100 400		

25. 兩組認證(對內,外)都成功申請後,緊接著要申請一組開發程式的 id(這組 id 是要給裝置中 描述檔用的, 也是 xe 要出現的 id), 請至 Identifiers 中 App IDs 進行 Add(+)作業, 如下圖

🗯 Developer	Technologies Resource	s Programs Support Member Center	Q Search Developer
Certificates, Identifier	rs & Profiles		SHIH WEI TU 👻
iOS Apps	•	iOS App IDs	(+)Q
Certificates	5 App IDs Total		
■ All	Name	* ID	
Pending	Xcode iOS Wildcard App ID	*	
Development	intcloseth	tw.com.appsfly.intcloseth	
Production	minjing	tw.com.appsfly.mirror	
D Identifiers	mvc	tw.com.appsfly.mvc	
App IDs	zghlzs	tw.com.appsfly.zghlzs	
 Pass Type IDS Website Push IDs iCloud Containers 			

26. 請指定一個 App Id 名稱, 這個名稱請注意大小寫有區別, id 一旦建立就不能改名稱, 如 果要改名稱, 就請移除舊的重新申請另一組比較安全一點, 可以為每一支 App 建立不同 的 id, 也可以把所有要開發的 App 都共用一組

	Apple Inc.	Ċ	0 1
App IDs Pass Type IDs Website Push IDs ICloud Containers	The App ID string contains two parts separated by a p as your Team ID by default and an App ID Suffix that i Each part of an App ID has different and important us	eriod (.)—an App ID Prefix that is define s defined as a Bundle ID search string. es for your app. Learn More	d
App Groups Devices All Apple TV Apple Watch	App ID Description Name: CameraPartApp You cannot use special characters special characte	such as @, &, *, ', "	
 iPad iPhone iPod Touch 	App ID Prefix Value: SBNTZJ52JH (Team ID)		
 Provisioning Profiles All Development Distribution 	App ID Suffix Explicit App ID If you plan to incorporate app services such as G 	ame Center, In-App Purchase, Data	

27. 建立上述名稱後, 接下來最重要的是指定一個識別碼, 這組識別碼 mac 的慣用語法是 domain+Appname, domain 是以反轉方式命名, 例如 <u>www.3ipd.com.tw</u>, 則命名為 tw.com.3ipd, 然後再加入 App 的名稱 CameraPart, 所以完成的命名如下

App ID Suffix

Explicit App ID

If you plan to incorporate app services such as Game Center, In-App Purchase, Data Protection, and iCloud, or want a provisioning profile unique to a single app, you must register an explicit App ID for your app.

To create an explicit App ID, enter a unique string in the Bundle ID field. This string should match the Bundle ID of your app.

Bundle ID:	tw.com.3ipdApp.CameraPart
	We recommend using a reverse domain name style string (i.e.,
	com.domainname.appname). It cannot contain an asterisk (*).
	 Compatible with Xcode 5 Include CloudKit support (requires Xcode 6)
\checkmark	In-App Purchase
	Inter-App Audio
	Wallet
	Push Notifications
	Personal VPN
	1
	Cancel

28. 下一步則是選擇這個 App 要具備那些開發項目, 設定好後執行 Submit 送出到 Apple 網站 進行審核建立(大約幾秒的事)



Confirm your App ID.

To complete the registration of this App ID, make sure your App ID information is correct, and click the submit button.

App ID Description:	CameraPartApp	
Identifier:	SBNTZJ52JH.tw.com.3ipdApp.CameraPart	
App Groups:	◎ Disabled	
Associated Domains:		
Data Protection:		
Game Center:	Enabled	
HomeKit:	© Disabled	
Wireless Accessory Configuration:	© Disabled	
iCloud:	© Disabled	
In-App Purchase:	Enabled	
Inter-App Audio:	© Disabled	
Wallet:	© Disabled	
Push Notifications:	© Disabled	
Personal VPN:	© Disabled	

Cancel	Back	Submit



29. 如果有成功申請, 則會如下圖的畫面

🗯 Developer	Technologies	Resources	Programs	Support	Member Center	Q Search Developer
Certificates, Identifiers &	Profiles					SHIH WEI TU 🔻
iOS Apps 👻				iOS App	IDs	+ Q
🏶 Certificates	6 App IDs Total					
= All	Name			ID		
Pending	CameraPartApp			tw.com.3ipd	IApp.CameraPart	>
Development	Xcode iOS Wildcard A	pp ID		×		
Production	intcloseth			tw.com.apps	sfly.intcloseth	
1 Identifiers	minjing			tw.com.apps	sfly.mirror	
Pass Type IDs	mvc			tw.com.apps	sfly.mvc	
Website Push IDs	zghlzs			tw.com.apps	sfly.zghlzs	
iCloud Containers						
App Groups					47 MH 48	
Devices					#2 4m 19	z

30. 接下來 Devices 是顯示已授權可串接的 Apple 裝置,如果都沒有出現,則必須透過 Mac 的 iTuner 連接你的裝置,並進行授權這部電腦可使用的動作,凡已授權使用的裝置,即便 你沒有接上真實裝置,也會出現,除非一樣到 iTuner 去註銷授權

	Apple Inc	.	Ċ O 🗄
iOS Apps 👻		All Devices	+ 📝 Q
🏈 Certificates			
= All	Name	Identifier	
Pending	PD 的 iPad	c4581a2d1efbd9bbd79c	3740e6dc800b8d7147b3
Development Production	iPhone	41e2e544a8f2be715594	b888a40b3c7db6c31923
Production	iPhone 6s Plus	99b14bcaedba4d815f65	30da7a8881b5a6f53446
 Identifiers App IDs Pass Type IDs Website Push IDs iCloud Containers App Groups 			
Devices All All			
Apple IV	系统偏好設定		
■ iPad			

31. 在官網上最後一個動作,就是申請安裝要使用的描述檔(ProFile),初次進行可能如下圖中 示,沒有任何 ProFile 存在,或許也有可能有其他開發商的 ProFile(可能當初向別人借用的)

Production Identifiers App IDs	PROV
Pass Type IDs	Getting Started with iOS Provisioning Profiles
Website Push IDs	Provisioning profiles allow you to install apps onto your iOS devices. A
iCloud Containers	provisioning profile includes signing certificates, device identifiers, and an
App Groups	App ID. Development provisioning profiles are used to build and install versions of your app during the development cycle, while distribution
Devices	provisioning profiles are used to submit your apps to the App Store and distribute them to be a testars
= All	distribute them to beta testers.
Apple TV	Generate Provisioning Profiles with Xcode
Apple Watch	Xcode is the easiest way to create an iOS provisioning profile. Connect your device to your Mac and click Use for Development in Xcode's Organizer
■ iPad	window. Sign in with the Apple ID associated with your iOS Developer Program
iPhone	membership and Xcode will generate a provisioning profile containing your
■ iPod Touch	certificate and device identifier.
Provisioning Profiles	Generate Provisioning Profiles Manually
= All	ream agents and adminis can manually generate promes.
Development	Learn More
Distribution	App Distribution Guide

32. 請選擇 Add(+), 然後也是要建立兩組,

第一組是對應到 Development 的 ProFile, 所以請選擇 iOS App Development (這個 ProFile 一個帳號只能有一組)



33. 下一步, 請選擇 App Id, 這是剛才建立的 App Id, 如果有很多組的話, 請選擇正確的, 然 後選擇對應的憑證及 Device

Tomes		SHIH WEI TU 👻
	Add iOS Provisioning Profile	+ 📝 Q
Select Type	Configure Generate Download	
PROV S	elect App ID.	
lf you plan to u or want a Bund provisioning pr App ID. Wildcan note that iOS A	se services such as Game Center, In–App Purchase, and Pu le ID unique to a single app, use an explicit App ID. If you w ofile for multiple apps or don't need a specific Bundle ID, s d App IDs use an asterisk (*) as the last digit in the Bundle pp IDs and Mac App IDs cannot be used interchangeably.	sh Notifications, vant to create one elect a wildcard ID field. Please

Select All
 1 of 1 item(s) selected
 SHIH WEI TU (iOS Development)

Select the devices you wish to include in this provisioning profile. To install an app signed with this profile on a device, the device must be included.

Select All	3 of 3 item(s) selected
PD 的 iPad	
iPhone	
iPhone 6s Plus	

Cancel	Back	Continue	
Cancer	Dack	Continue	

34.	下一步後是要求確認前項的設定,如無問題則點選 Generate
	The name you provide will be used to identify the profile in the portal.
	Profile Name: CameraPartDevelopment
	Type: iOS Development
	App ID: CameraPartApp(SBNTZJ52JH.tw.com.3ipdApp.CameraPart)
	Certificates: 1 Included
	Devices: 3 Included
	Cancel Back Generate
35.	完成 ProFile 建立, 如下圖, 請點選 下載,
	Select Type Configure Generate Download
	Your provisioning profile is ready.

Download and double click the following file to install your Provisioning Profile.

Download and Install

PROV	Name: Type: App ID: Expires:	CameraPartDevelopment iOS Development SBNTZJ52JH.tw.com.3ipdApp.CameraPart 三月 01, 2017
		Dowmoad

36 . 🗄	完成第一	·組 proFile	後如下圖,	緊接著建立第二組
---------------	------	------------	-------	----------

•••	💽 下載	战项目		
				Q. 搜尋
喜好項目	名稱			大小
🔄 我的所有檔案	CameraPartDevelopment	.mobileprovision)	8 KB
iCloud Drive	ios_distribution.cer			1 KB
AirDrop	AppleWWDBCA cer			1 KB
A. 應用程式				
□ 桌面				
① 文件				
● 下載項目				
装置				
◎ 遠端光碟				
Macintosh HD				
共享				
🔲 delphi				
win-105bksvhgcc				
Linear				
	Apple Inc.	Ċ		0 1
	iOS Provisio	ning Profiles		+ 🗾 Q
1 profiles total.				
Name	^ Туре		Status	
CameraPartDevelopment	iOS Development		Active	

37. 第二組要選擇的是 In House, In House 是提供 https 下載的 proFile, 不受限的裝置, 如果你 是要特定的裝置, 就要選擇 Ad Hoc, 但 Ad Hoc 必須要先把授權裝置加入到 mac 此部電腦 中才能發行

•	In House To sign iOS apps for In House Distribution, you need a Certificate
0	Ad Hoc Create a distribution provisioning profile to install your app on a limited number of registered devices. tvOS Ad Hoc Create a distribution provisioning profile to install your app on a limited number of registered tvOS devices.
	Cancel Continue

38. 下一步, 動作皆同, 但 ProFile Name 請命名一個與第一組 ProFile 不同的名稱, 名稱沒有規則, 只要能自己清楚識別即可

Select A	эр ID.
If you plan to use services or want a Bundle ID uniqu provisioning profile for m App ID. Wildcard App IDs note that iOS App IDs and	s such as Game Center, In–App Purchase, and Push Notifications, te to a single app, use an explicit App ID. If you want to create one fultiple apps or don't need a specific Bundle ID, select a wildcard use an asterisk (*) as the last digit in the Bundle ID field. Please I Mac App IDs cannot be used interchangeably.
App ID: Ca	ImeraPartApp (SBNTZJ52JH.tw.com.3ipdApp.CameraPart)
Select ce	rtificates.
Select the certificates you install an app, the certific	wish to include in this provisioning profile. To use this profile to ate the app was signed with must be included.
 Immeasurable-Intellig 三月 01, 2019 	ent-Idea Program Design Co., Ltd (iOS Distribution)
The name you provide wi	ll be used to identify the profile in the portal.
Profile Name:	CameraPartAdHoc
Type:	iOS Universal
App ID:	CameraPartApp(SBNTZJ52JH.tw.com.3ipdApp.CameraPart)
Certificates:	1 Included
	Cancel Back Generate

39. 完成 ProFile 建立後, 一樣要進行下載安裝, 如下三圖, 到此完成所有的授權申請



40. 完成兩組認證建立後(包含第一個 AppleWWDRCA.cer, 共三組),

安裝方式, 第一個要先加的一定是 AppleWWDRCA.cer, 只要如下圖在該檔雙擊兩下, 就能加入了, 加入後如下圖右箭頭所指, KeyChain 憑證會出現這組憑證



接下來就沒有順序,分別 Development 及 Distribution 分別安裝到 KeyChain 即可,如下二圖



- 41. 接下來這個動作我還有一點抓不準,將之前下載的描述檔(mobileprovision 檔)雙擊兩下, 這個雙擊是要加描述檔加入到 xcode 中(而不是 KeyChain),如果不加描述檔加入 xcode 系統,在 xe 上有很大的機會,在 Option->Provisioning 中會看不到所建立的 App id,pp id, 進而就無法順利分發到裝置上,但有時不做又可以,這就是抓不準的原因,但建議要做!
- 42. 進行最後一個動作前, 請將 mac 重開機, 然後再啟動 xcode

(以下的動作,如果在第 41 步驟有加入的話,可省略以下所有的作業,只是利用 mac 來編 譯及分發 xe 的 ios app,不一定要建立 xcode 的 ios 帳號)



43. 進入 xcode 後, 請選擇 Proferences, 建立一組帳號, 帳號通常是以 Developer Id 為主, 如 果已經有此帳號, 則可忽略本步驟



44. 完成帳號建立,在下圖右下方會有兩組認證,一組為以 Developer 為名的認證(這是對內的), 另一組則是發行用的 Distribution(對外),如下圖的下組是內部用的,沒有其他的功能,

• • •	Accounts	
🕒 🥝 🔅 🕁 🔬		
General Accounts Behaviors Navigation Fonts & Co	lors Text Editing Key Bindings Source Control	Downloads Locations
Apple IDs	Apple ID	
ios@mail.3ipd.com.tw		
	Apple ID: ios@mail.3ipd.com.tw	
	Password:	
	Description: ios@mail.3ipd.com.tw	
	Team Name	iOS Mac
	SHIH WEI TU (Personal Team)	Free Free
		View Details
+ - 🔞		

45. 要處理的是下圖第一組, 請選擇 View Details

						Account	ts				
0	General	@ Accounts	Behaviors	Navigation	A Fonts & C	olors Text Editing	Key Bindings	Source Control	Downloads	Locations	
	App	ole IDs ios@ma ios@ma	ail.3ipd.cc il.3ipd.com.	o m.tw tw		Apple ID: Password: Description:	D ios@mail.3ip ios@mail.3i	od.com.tw • pd.com.tw			
	+	- 83				Team Name Immeasurat SHIH WEI T	<mark>le-Intelligent</mark> U (Personal 1	-Idea Progra Feam)	iOS . Agent Free Vie	Mac Free	

46. 進入後,如下圖下方會熕示所有有效的 ProFile 記錄,訊息(Action 欄位)中可能有數個(或全部)會顯示 DownLoad,通常不要理會,只要選擇先前建立的兩組認證項目 DownLoad 更新就好(或者如下圖做 Download All 也無妨,但你的 xe option 會多出很多的認證項),完成此一動作,關閉 xcode,重開機

注意,如果在認證項右項有出現 Reset 的 Action mode 時,請千萬不要去執行,因為此 舉會造成 KeyChain 中又被加入一組認證檔(如同 cer 再雙擊),此時因為 KeyChain 中有兩組, 很可能造成前面的認證失效,進而都無法使用,就必須重頭再來了,至於 xcode 為何會出 現 Reset,我無法探究,畢竟在此之前從未接觸過 mac,也不是 mac 通.

Signing Identities		Action		
OS Development				
OS Distribution				
Mac Development		Create Create Create		
Mac App Distribution				
Mac Installer Distribution				
Developer ID Application		Create		
Developer ID Installer		Create		
Provisioning Profiles	Expires	Action		
CameraPartAdHoc	2017/3/2			
CameraPartDevelopment	2017/3/2			
OS Team Provisioning Profile: *	2017/3/2			
OS Team Provisioning Profile: tw.com.3ipdApp.CameraPart	2017/3/2			
OS Team Provisioning Profile: tw.com.appsfly.intcloseth	2017/3/2			
OS Team Provisioning Profile: tw.com.appsfly.mirror	2017/3/2			
OS Team Provisioning Profile: tw.com.appsfly.mvc	2017/3/2			
OS Team Provisioning Profile: tw.com.appsfly.zghlzs	2017/3/2			

47. 如果一切順利的話,回到 RadStudio中,完成 ios 必要的連結,就可以由 RadStudio中自動 載入可用的授權,再來交由 RadStudio 開發,即能將 App 成功的丟到 Apple 行動裝置上.